

RECEIVED

By Kellie Jones at 1:56 pm, Jan 29, 2016

WORLD-WIDE ENVIRONMENTAL SERVICES

APPROVED

By Kellie Jones at 1:56 pm, Jan 29, 2016



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – EAST EUMONT UNIT #35

REMEDIATION PLAN

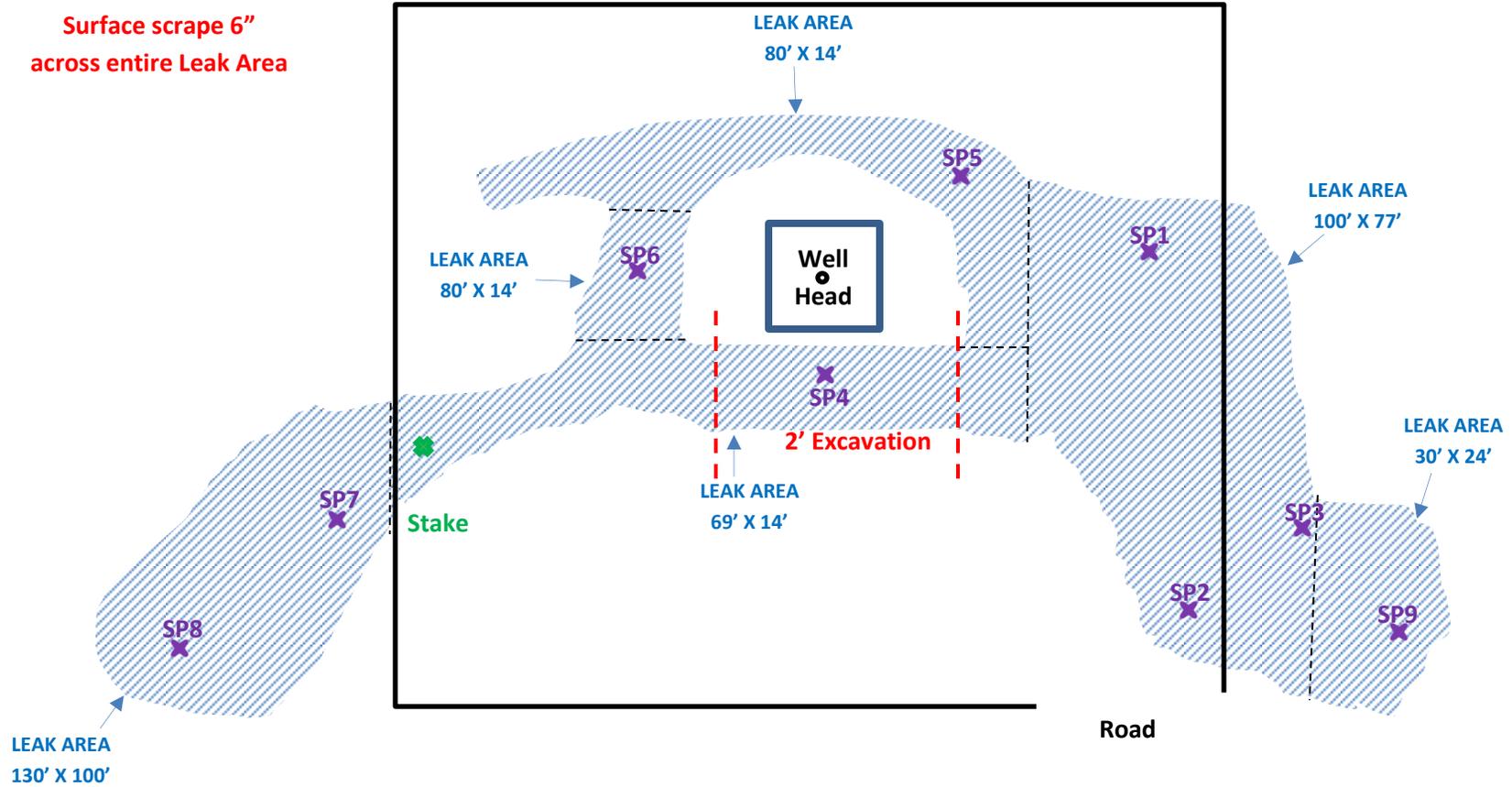
OXY will excavate the spill area as depicted on the following site diagram. The spill area covering sample points SP1, SP2, SP3, SP5, SP6, SP7 and SP8 will be surface scraped to 6 inches. In the area of sample point SP4, 2 feet will be excavated. The entire site will be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Oxy
East Eumont Unit #35

Surface scrape 6"
across entire Leak Area



UL K, Section 10, T19S, R37E
Lea County, NM
N 32.67292° W 103.24139°
API# 30-025-05591

BBC International, Inc.	
Oxy	
East Eumont Unit #35	
Date: 11/11/2015	DRWG by: J Gilkey
NOT TO SCALE	File: Oxy 2015

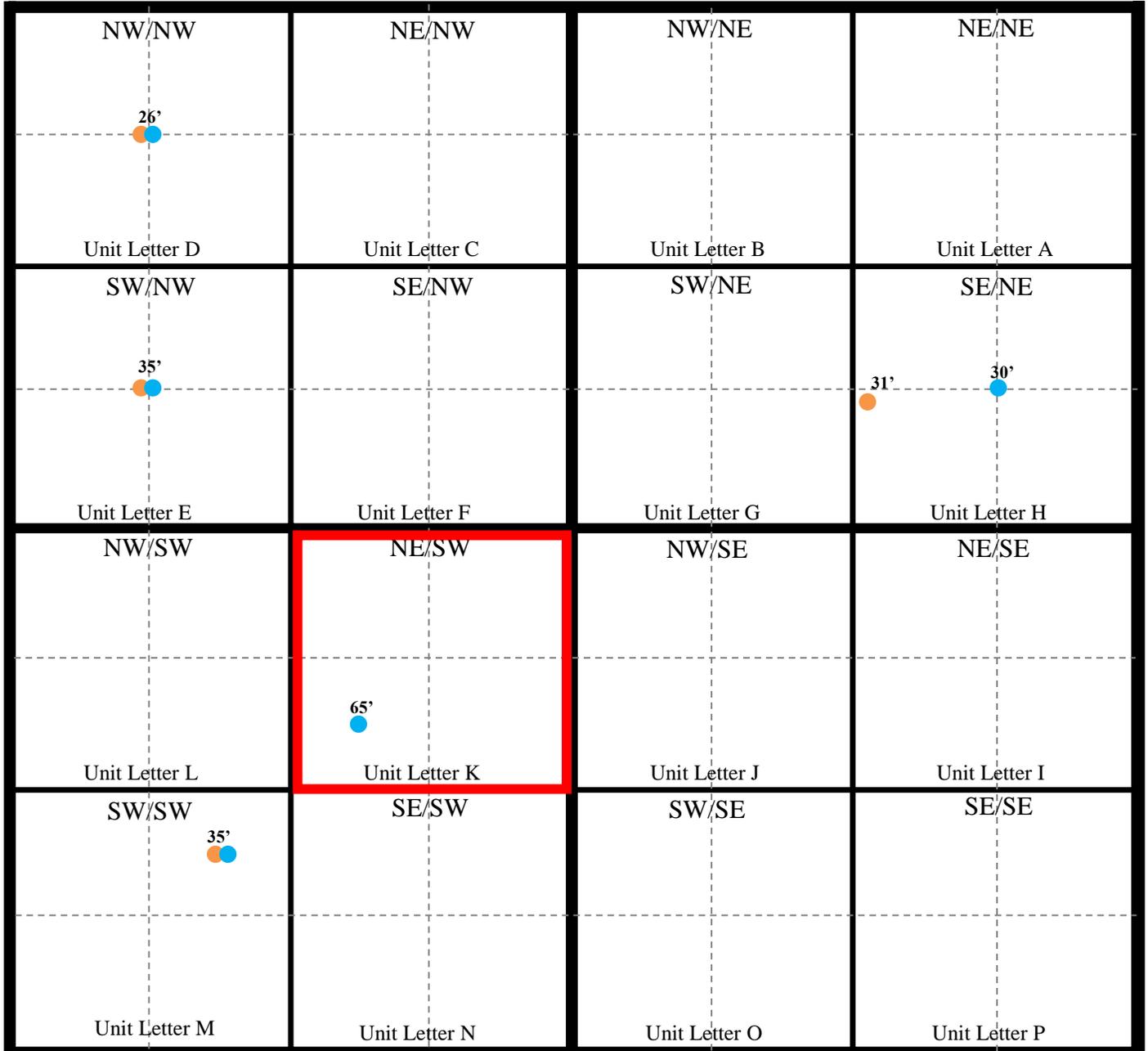
Oxy East Eumont Unit #35

County: Lea Unit Letter: K Section: 10 Township: 19S Range: 37E

Trend Map <50'

1

2



3

4

**Laboratory Analytical Results Summary
East Eumont Unit #35**

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'
			11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		336	224
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'
			11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		304	288
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample Date	SP3 @ 1'	SP3 @ 2'
			11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		448	144
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample Date	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 3.5'
			11/19/15 mg/Kg	11/19/15 mg/Kg	12/1/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		832	640	208	160
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		18.2	176	<10.0	<10.0

Analyte	Method	Sample Date	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 3.5'
			11/19/15 mg/Kg	11/19/15 mg/Kg	12/1/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		784	528	128	112
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		13.2	74.8	n/a	n/a

Analyte	Method	Sample Date	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
			11/19/15 mg/Kg	11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		656	448	128
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	53.4	n/a

Analyte	Method	Sample Date	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
			11/19/15 mg/Kg	11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		224	384	160
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	51.6	n/a

Analyte	Method	Sample Date	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
			11/19/15 mg/Kg	11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		224	336	112
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	22.1	n/a

Analyte	Method	Sample Date	SP9 @ 1'	SP9 @ 2'
			11/19/15 mg/Kg	12/1/15 mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		288	128
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a



December 01, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: EAST EUMONT #35

Enclosed are the results of analyses for samples received by the laboratory on 11/23/15 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP1 @ 1' (H503093-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99		
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90		
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31		
Total BTEX	<0.300	0.300	11/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	11/25/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97		
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60		

Surrogate: 1-Chlorooctane 103 % 35-147
Surrogate: 1-Chlorooctadecane 111 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP2 @ 1' (H503093-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99		
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90		
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31		
Total BTEX	<0.300	0.300	11/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/25/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97		
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60		

Surrogate: 1-Chlorooctane 93.5 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP3 @ 1' (H503093-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99		
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90		
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31		
Total BTEX	<0.300	0.300	11/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	11/25/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97		
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60		

Surrogate: 1-Chlorooctane 93.8 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP4 @ 1' (H503093-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	18.2	10.0	11/24/2015	ND	197	98.6	200	3.60	

Surrogate: 1-Chlorooctane 94.9 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP4 @ 2' (H503093-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	176	10.0	11/24/2015	ND	197	98.6	200	3.60	

Surrogate: 1-Chlorooctane 106 % 35-147
Surrogate: 1-Chlorooctadecane 119 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP5 @ 1' (H503093-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99		
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90		
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31		
Total BTEX	<0.300	0.300	11/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	11/30/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97		
DRO >C10-C28	13.2	10.0	11/24/2015	ND	197	98.6	200	3.60		

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP5 @ 2' (H503093-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	74.8	10.0	11/24/2015	ND	197	98.6	200	3.60	

Surrogate: 1-Chlorooctane 97.4 % 35-147

Surrogate: 1-Chlorooctadecane 113 % 28-171

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP6 @ 1' (H503093-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99		
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90		
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31		
Total BTEX	<0.300	0.300	11/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	11/30/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/24/2015	ND	198	98.8	200	2.97		
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60		

Surrogate: 1-Chlorooctane 92.2 % 35-147

Surrogate: 1-Chlorooctadecane 99.9 % 28-171

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP6 @ 2' (H503093-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	53.4	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 89.9 % 35-147
Surrogate: 1-Chlorooctadecane 105 % 28-171

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Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP7 @ 1' (H503093-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 93.2 % 35-147
Surrogate: 1-Chlorooctadecane 102 % 28-171

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP7 @ 2' (H503093-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	51.6	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 90.1 % 35-147
Surrogate: 1-Chlorooctadecane 99.1 % 28-171

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Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP8 @ 1' (H503093-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 94.8 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP8 @ 2' (H503093-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/30/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	22.1	10.0	11/25/2015	ND	185	92.7	200	0.693	

Surrogate: 1-Chlorooctane 92.6 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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 Cliff Brunson
 P.O. Box 805
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 Fax To: (575) 397-0397

Received:	11/23/2015	Sampling Date:	11/19/2015
Reported:	12/01/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP9 @ 1' (H503093-14)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73		
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70		
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01		
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06		
Total BTEX	<0.300	0.300	11/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	11/30/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/25/2015	ND	191	95.5	200	0.827		
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693		

Surrogate: 1-Chlorooctane 88.9 % 35-147
Surrogate: 1-Chlorooctadecane 96.1 % 28-171

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #: _____
 Project Manager: Cliff Brunson Company: Oxy
 Address: P.O. Box 805 State: NM Zip: 88241 Attn: Dusty Wilson
 City: Hobbs Address: _____
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: _____ Project Owner: Oxy City: _____
 Project Name: East Eumont Unit #35 State: _____ Zip: _____
 Project Location: _____ Phone #: _____
 Sampler Name: Roger Hernandez Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	SP1 @ 1'	G	1	✓		✓				11-19-15	8:45 am	✓	✓	✓
2	SP2 @ 1'	G	1	✓		✓				11-19-15	9:19 am	✓	✓	✓
3	SP3 @ 1'	G	1	✓		✓				11-19-15	9:45 am	✓	✓	✓
4	SP4 @ 1'	G	1	✓		✓				11-19-15	10:25 am	✓	✓	✓
5	SP4 @ 2'	G	1	✓		✓				11-19-15	10:40 am	✓	✓	✓
6	SP5 @ 1'	G	1	✓		✓				11-19-15	11:20 am	✓	✓	✓
7	SP5 @ 2'	G	1	✓		✓				11-19-15	11:38 am	✓	✓	✓
8	SP6 @ 1'	G	1	✓		✓				11-19-15	1:00 pm	✓	✓	✓
9	SP6 @ 2'	G	1	✓		✓				11-19-15	1:10 pm	✓	✓	✓

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Refriniquished By: _____ Date: 11/23/15 Received By: Rodolfo Jimenez
 Time: 2:41 PM
 Date: 11/23/15 Received By: Rodolfo Jimenez
 Time: 4:55
 Delivered By: (Circle One) Delivered By: (Circle One) Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: 1.60 Yes No
 CHECKED BY: (Initials) [Signature]
 REMARKS: _____
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #54



CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST															
Project Manager: Cliff Brunson		P.O. #:																	
Address: P.O. Box 805		Company: XXX																	
City: Hobbs		Attn: <u>Dusty Wilson</u>																	
State: NM Zip: 88241		Address:																	
Phone #: 575-397-6388 Fax #: 575-397-0397		City:																	
Project #: Project Owner: OXY		State:																	
Project Name: East Eumont Unit #35		Zip:																	
Project Location:		Phone #:																	
Sampler Name: Roger Hernandez		Fax #:																	
FOR LAB USE ONLY		PRESERV		SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	BTEX	TPH	Chloride										
10	SP7 @ 1'	G	1	SOIL	11-19-15	1:48 pm	✓	✓	✓										
11	SP7 @ 2'	G	1	SOIL	11-19-15	2:00 pm	✓	✓	✓										
12	SP8 @ 1'	G	1	SOIL	11-19-15	2:47 pm	✓	✓	✓										
13	SP8 @ 2'	G	1	SOIL	11-19-15	3:09 pm	✓	✓	✓										
14	SP9 @ 1'	G	1	SOIL	11-19-15	3:58 pm	✓	✓	✓										

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, successors and/or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Roger Hernandez Date: 11-23-15 Received By: Roger Hernandez Date: 11-23-15
 Time: 2:44 PM

Relinquished By: Roger Hernandez Date: 11-23-15 Received By: Dusty Wilson Date: 11-23-15
 Time: 4:55

Deivered By: (Circle One) UPS 1.62 Sample Condition Intact Cool Yes No Intact Yes No

Sampler - UPS - Bus - Other: 1.62 CHECKED BY: AW (Initials)

REMARKS: #54



December 09, 2015

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: EAST EUMONT #35

Enclosed are the results of analyses for samples received by the laboratory on 12/02/15 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" and "K".

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/02/2015	Sampling Date:	12/01/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP1 @ 2' (H503154-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP2 @ 2' (H503154-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP3 @ 2' (H503154-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/04/2015	ND	400	100	400	3.92	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/02/2015	Sampling Date:	12/01/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP4 @ 3' (H503154-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/03/2015	ND	1.71	85.5	2.00	0.862		
Toluene*	<0.050	0.050	12/03/2015	ND	1.71	85.5	2.00	0.866		
Ethylbenzene*	<0.050	0.050	12/03/2015	ND	1.77	88.4	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/03/2015	ND	5.34	89.0	6.00	1.20		
Total BTEX	<0.300	0.300	12/03/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/04/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/03/2015	ND	184	91.9	200	4.54		
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51		

Surrogate: 1-Chlorooctane 98.4 % 35-147
Surrogate: 1-Chlorooctadecane 106 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/02/2015	Sampling Date:	12/01/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	EAST EUMONT #35	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP4 @ 3.5' (H503154-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/04/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 98.4 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

Sample ID: SP5 @ 3' (H503154-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/04/2015	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 12/02/2015
 Reported: 12/09/2015
 Project Name: EAST EUMONT #35
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/01/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP5 @ 3.5' (H503154-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP6 @ 3' (H503154-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP7 @ 3' (H503154-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP8 @ 3' (H503154-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/04/2015	ND	400	100	400	3.92	

Sample ID: SP9 @ 2' (H503154-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/04/2015	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: *OLY*
 Project Name: *East Eumont # 35*
 Project Location:
 Sampler Name: *Roger Hernandez*
 P.O. #: Company: Address: Attn: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING DATE	TIME	TPH	BTEX	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
<i>H503154</i>	<i>SP102-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>108</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP202-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>138</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP302-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>200</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP403</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>223</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>@3.5-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>230</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP503</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>246</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>@3.5</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>255</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP603-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>300</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP703-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>315</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>SP803-</i>	<i>G</i>	<i>1</i>	<i>✓</i>							<i>12-01-15</i>	<i>330</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

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Relinquished By: *Roger Hernandez* Date: *12-01-15* Time: *8:00-* Received By: *John Benson*
 Relinquished By: *W* Date: *12/15* Time: *3:40* Received By: *W*
 Delivered By: (Circle One) *W* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: *2.60* Yes No Yes No
 CHECKED BY: *W*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #154

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Dusty Wilson
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	432-685-5771
Facility Name	East Eumont Unit #35	Facility Type	Well location

Surface Owner State	Mineral Owner	API No.	30-025-05591
---------------------	---------------	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	10	19S	37E					Lea

Latitude 32.6730292 Longitude 103.24139

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	100 bbls	Volume Recovered	95 bbls
Source of Release	Corrosion of the fitting on high pressure hose	Date and Hour of Occurrence	11/2/15	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Kelly Jones, Jamie Keyes		
By Whom?	Kathy Purvis @ BBC International	Date and Hour	11/2/15 3:25 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

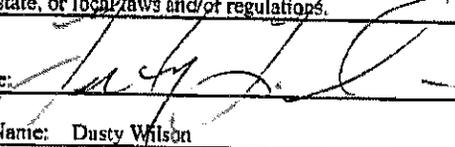
Corrosion of a fitting on a 1" high pressure rubber hose at the well head. A vacuum truck recovered 95 bbls of produced water and the fitting is being repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 120' x 360' on location around the well head and off location. Remediation will be completed in accordance with the remediation plan approved by NMOCD.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 
Printed Name: Dusty Wilson
Title: Environmental Advisor
E-mail Address: : Dusty.Wilson@oxy.com
Date: 11/11/15 Phone:

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached

* Attach Additional Sheets If Necessary